

Listing of the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-3 (Cancelled)

4. (Currently amended) ~~The~~An isolated nucleic acid molecule according to claim 1, comprising wherein the molecule comprises the nucleotide sequence encoding PCA3 as set forth in of SEQ ID NO:1, wherein said isolated nucleic acid molecule is differentially expressed in a non-malignant prostate.

5. (Currently amended) The isolated nucleic acid molecule according to of claim 4, wherein the said isolated nucleic acid molecule contains comprises a predicted open reading frame encoding the amino acid sequence set forth in of SEQ ID NO:3.

6. (Currently amended) An isolated nucleic acid molecule consisting of 10 to 50 nucleotides which specifically hybridizes to a differentially expressed PCA3 mRNA comprising an additional PCA3 sequence between exon 3 and exon 4a, thereby giving rise to a PCA3 mRNA having a sequence which is longer than that set forth in SEQ ID NO:2, wherein said isolated nucleic acid molecule is or is complementary to a nucleotide sequence consisting of at least 10 consecutive nucleotides from said additional PCA3 sequence, as set forth from nucleotides 27 to 254 of SEQ ID NO:1.

Claims 7-8 (Cancelled)

9. (Currently amended) A kit for detecting the presence of differentially expressed PCA3 mRNA in a sample comprising at least one container means having disposed therein the isolated nucleic acid molecule according to of claim 6.

10. (Currently amended) A recombinant nucleic acid molecule comprising, 5' to 3', a promoter effective to initiate transcription in a host cell and the isolated nucleic acid molecule of according to claim 4.

11. (Currently amended) An isolated cell that contains the recombinant nucleic acid molecule of according to claim 10.

Claims 12-23 (Cancelled)

24. (Currently amended) ~~The~~An isolated nucleic acid molecule according to claim 1, wherein said longer PCA3 mRNA comprises comprising the nucleotide sequence set forth from nucleotides 27 to 254 of SEQ ID NO:1, wherein said isolated nucleic acid molecule is differentially expressed in a non-malignant prostate.

Claim 25 (Cancelled)

26. (Currently amended) The isolated nucleic acid molecule of claim 6, wherein said isolated nucleic acid molecule consists of the nucleotide sequence set forth in of SEQ ID NO:4.

Claim 27-34 (Cancelled)

35. (New) A recombinant nucleic acid molecule comprising, 5' to 3', a promoter effective to initiate transcription in a host cell and the isolated nucleic acid molecule of claim 24.

36. (New) An isolated cell that contains the recombinant nucleic acid molecule of claim 35.